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(21)Application number: **06301616**(22)Date of filing: **11 . 11 . 94**(71)Applicant: **MORINAGA & CO LTD**(72)Inventor: **KURODA KAZUHIKO**
KATO MASATOSHI**(54)DIAGNOSTIC METHOD FOR URINARY
ORGAN CANCER****(57)Abstract**

PURPOSE: To diagnose urinary organ cancer easily by determining the tissue inhibitor of metalloproteinases (TIMP-1) in urine.

CONSTITUTION: Difference of the concentration of TIMP-1 in urine between a healthy person and a patient of urinary organ is conspicuous as compared with the difference of concentration of TIMP-1 in blood

serum when a new monoclonal antibody for TIMP-1, obtained from human cell, is applied to enzyme immunoassay. Consequently, urinary organ cancer can be diagnosed easily without causing any pain to a subject by measuring the TIMP-1 in urine. The TIMP-1 in urine can be determined for bladder cancer, liver cancer and ren cancer. This method is preferably employed in immunoassay utilizing monoclonal antibody.

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